

FIG. 1

The diagram illustrates a vehicle control system 100. It includes an ECU 4 connected to a power source VB via terminals Sa and 1c. The system also features a motor M 2 connected to VB through terminal 1d and ground through terminal 1e. A battery 3 is connected to ground at terminal 1f. The system is divided into several functional blocks: a voltage detection circuit 18, a signal processing circuit 13, a drive control circuit 17, and a current detection circuit 35. These are interconnected with various sensors (temp sensor 33) and actuators (motor M 2). The diagram uses standard electronic symbols for resistors, capacitors, diodes, transistors, and logic gates.

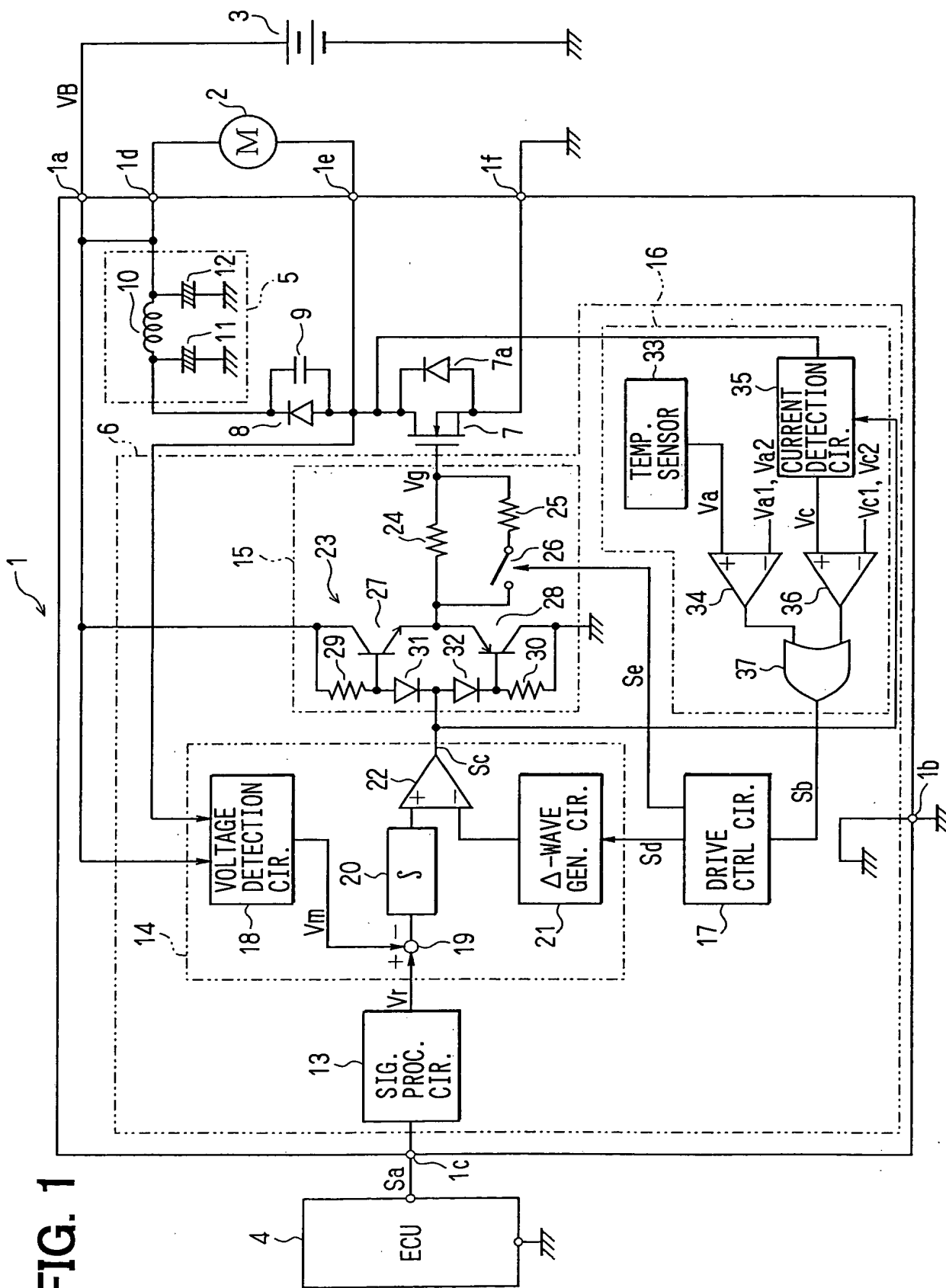


FIG. 2A

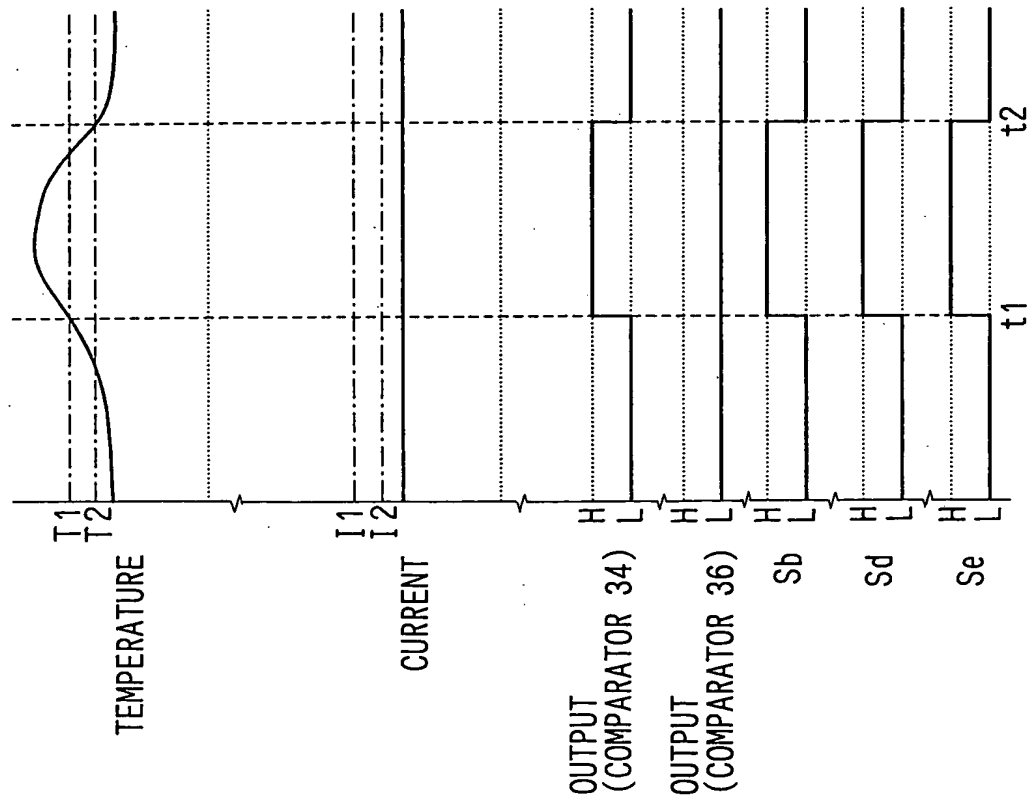


FIG. 2B

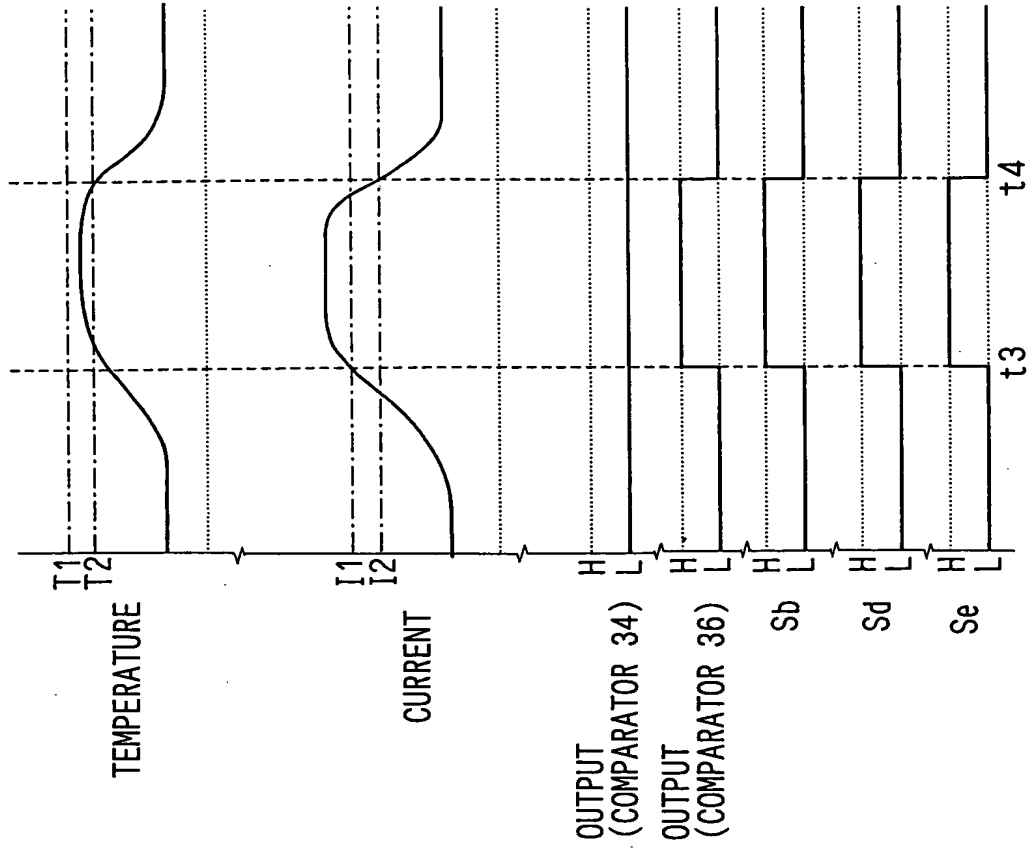


FIG. 3

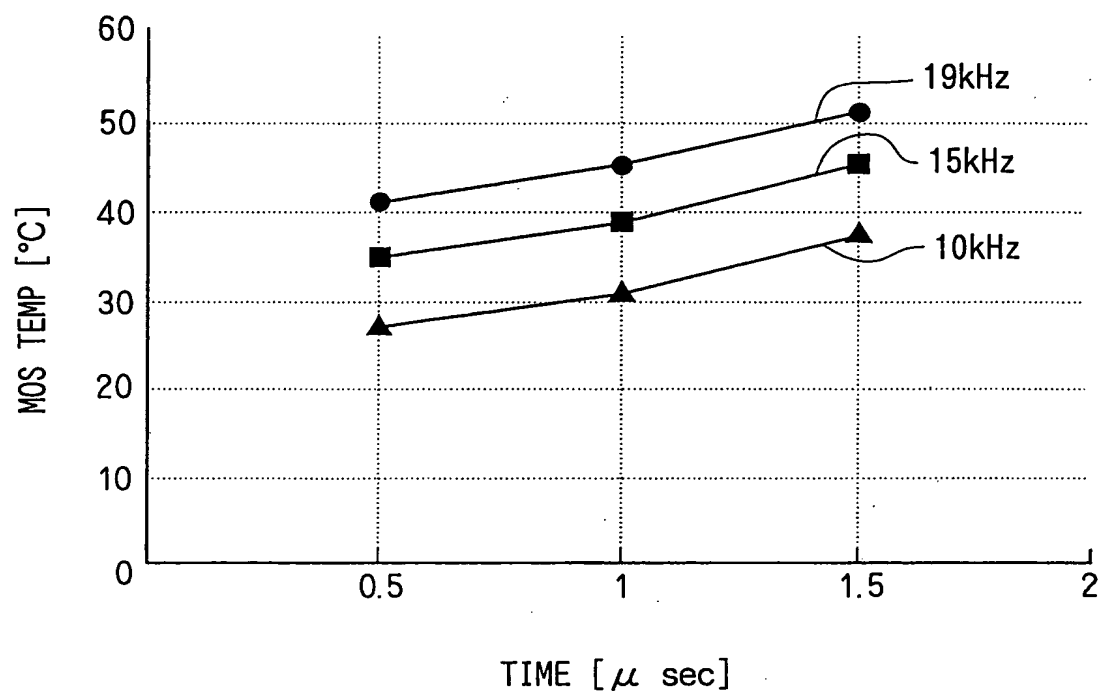


FIG. 4

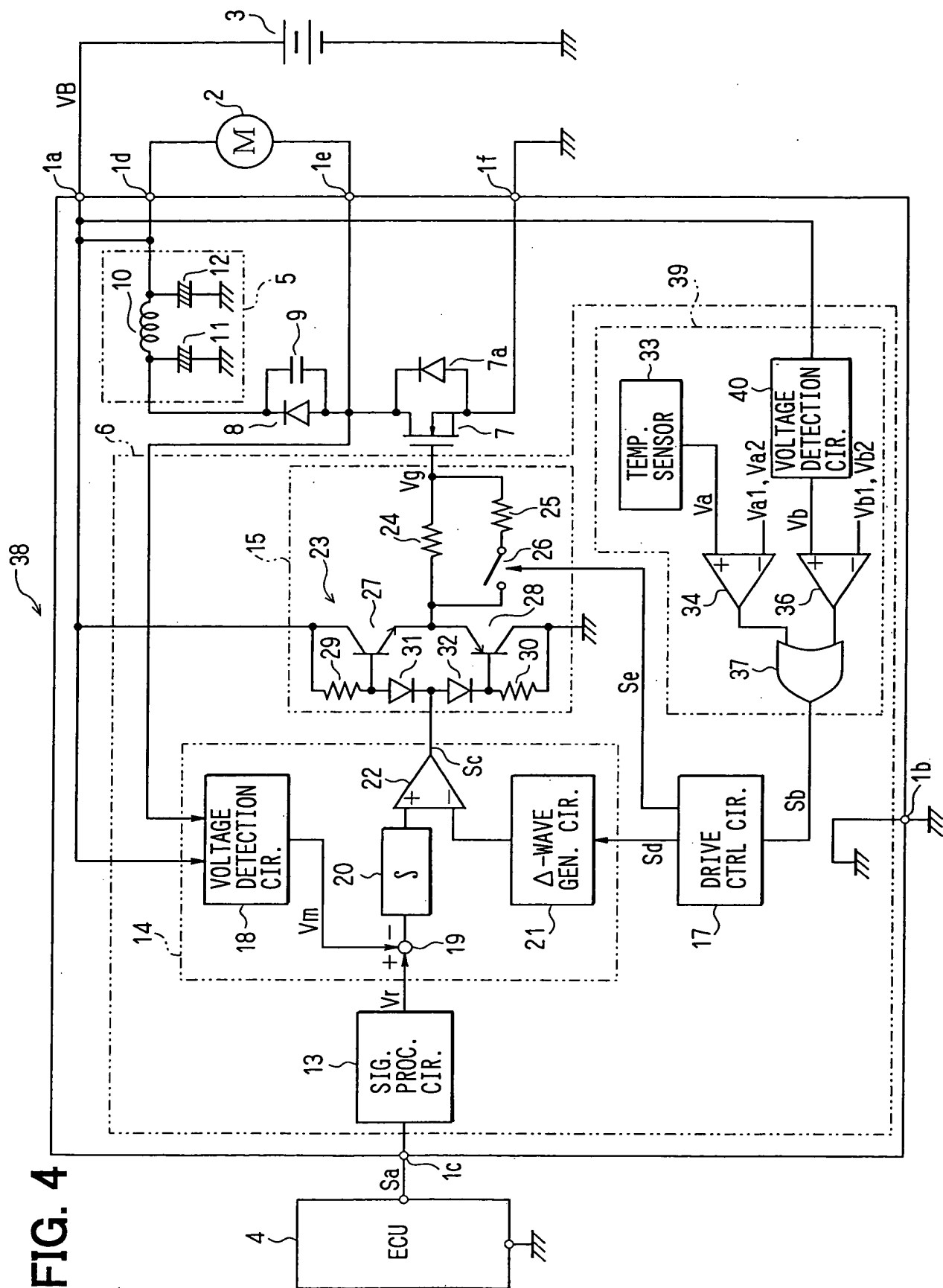


FIG. 5

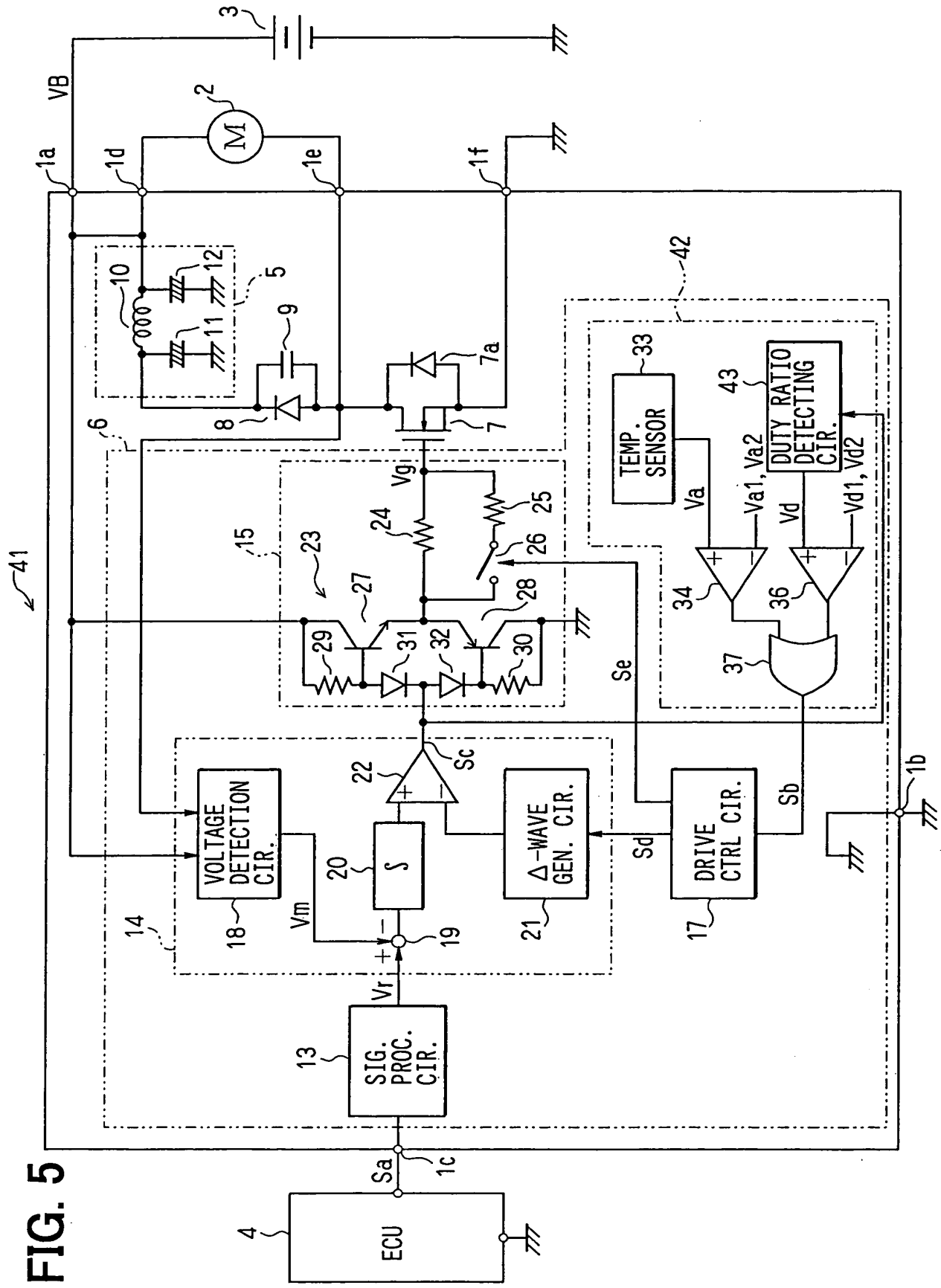


FIG. 6

